

FIG. 1

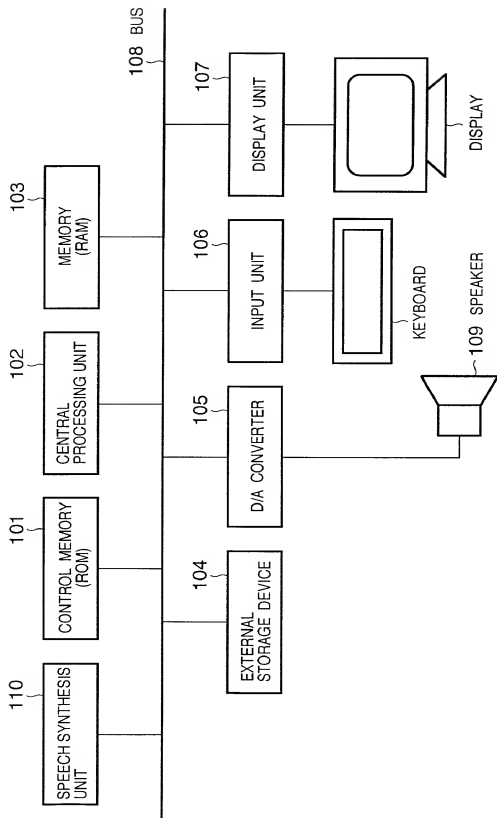


FIG. 2

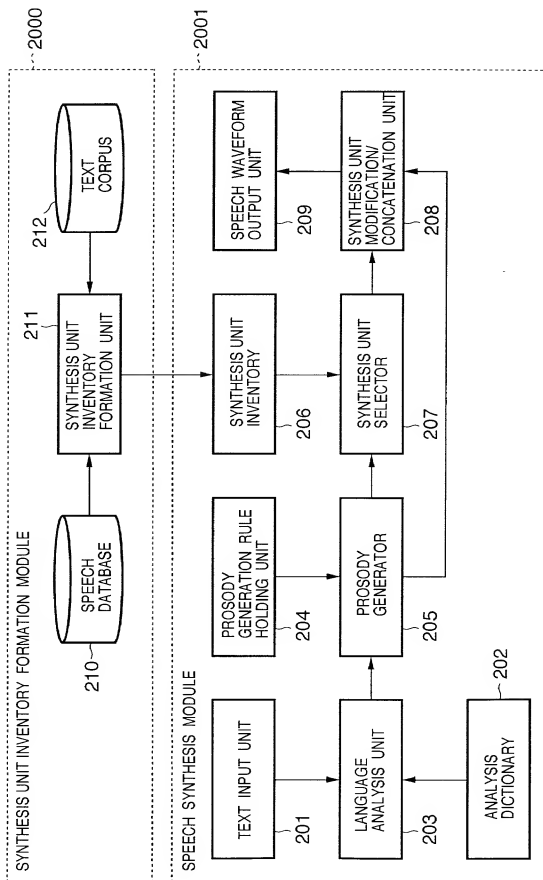


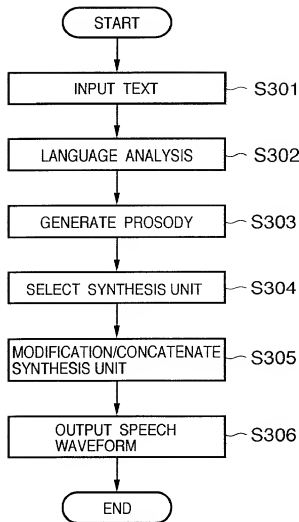
FIG. 3

FIG. 4

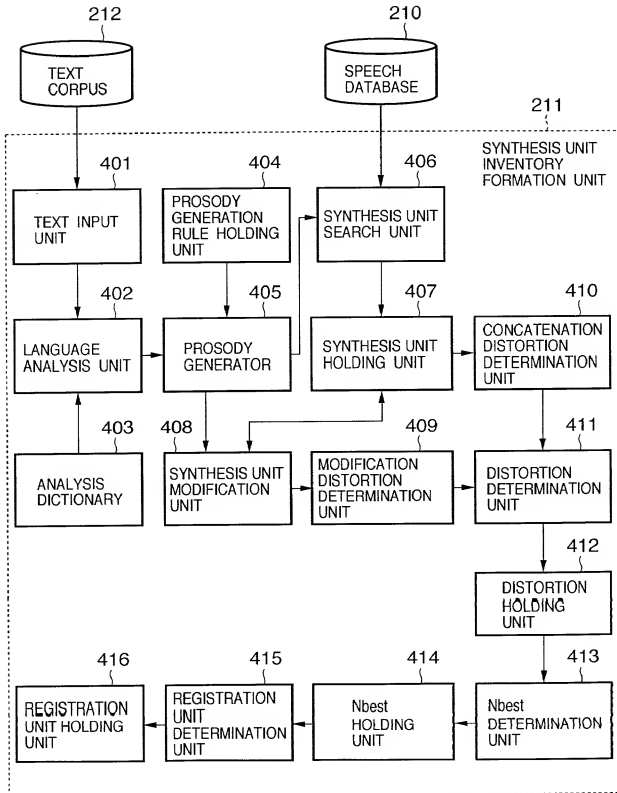


FIG. 5

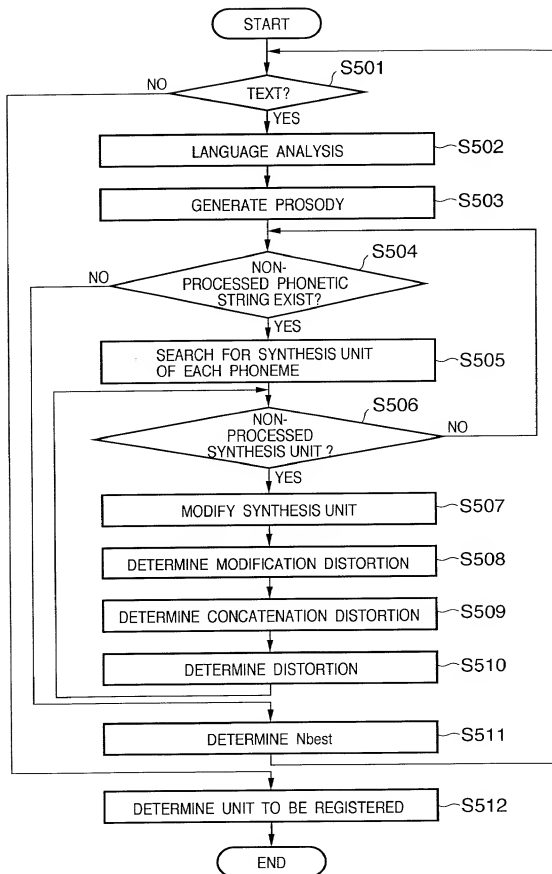


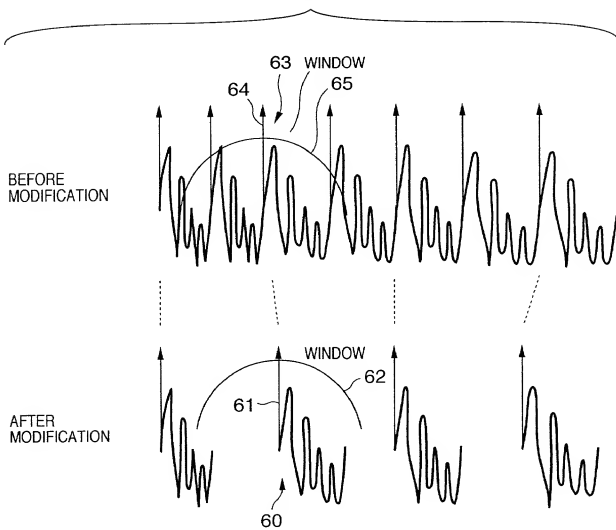
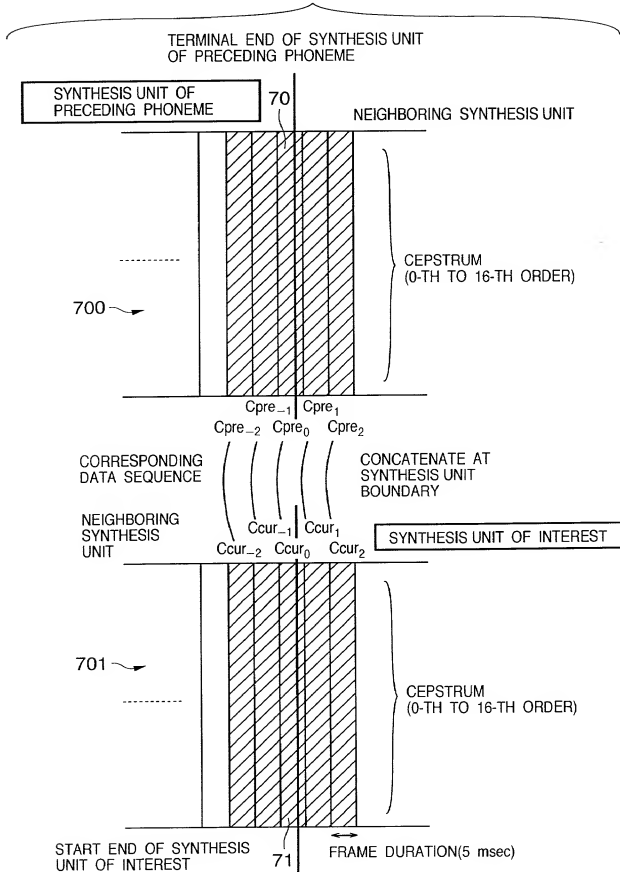
FIG. 6

FIG. 7



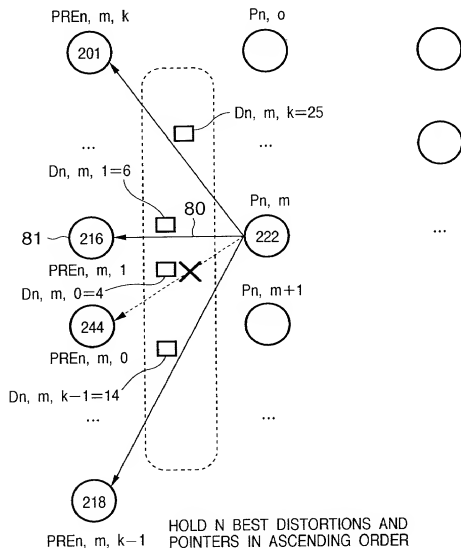


FIG. 9

DIRECTION IN WHICH BRANCH IS SPREAD

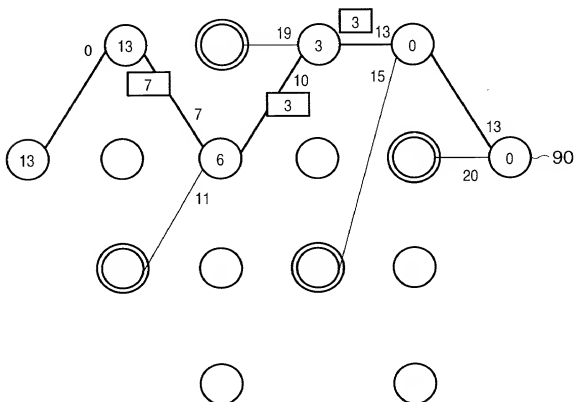


FIG. 10

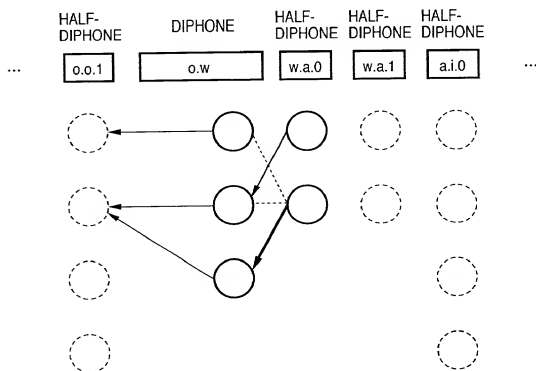


FIG. 11

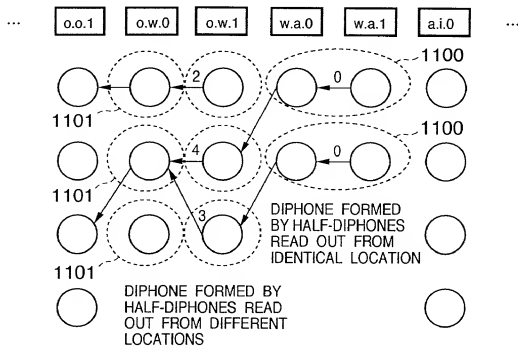


FIG. 12

a.r \ r.i	id1	id2	id3	id4	id5	...
id1	13.2	2.6	...			
id2	22	11.2				
id3	5	3.6				
id4	0	4				
id5	3.3	...				
...						

FIG. 13

PHONETIC DURATION

	$\mu - 2\sigma$	$\mu - \sigma$	μ	$\mu + \sigma$	$\mu + 2\sigma$
$\mu - 2\sigma$	26	25	15	13	14
$\mu - \sigma$	20	24	19	18	17
μ	15	19	10	13	20
$\mu + \sigma$	19	22	16	22	26
$\mu + 2\sigma$	25	27	26	30	31

FUNDAMENTAL
FREQUENCY

FIG. 14

